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Patent  
Attorney's Docket No. 024705-077

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of ) BOX: AF  
Yoshihide HAYASHIZAKI *et al.* )  
Application No.: 09/254,344 ) Group Art Unit: 1652  
Filed: September 3, 1999 ) Examiner: R. Hutson  
For: RNA POLYMERASE ) Confirmation No.: 6838

**REPLY & AMENDMENT AFTER FINAL REJECTION**  
**PURSUANT TO 37 C.F.R. § 1.116**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In complete response to the Official Action mailed July 30, 2002, in the above-identified application, please amend the application as follows. This response is timely submitted such that no extensions of time are necessary.

**IN THE SPECIFICATION:**

In the substitute specification filed on May 20, 2002, please amend the paragraph beginning on page 9, line 18, as follows:

Figures 16A-16C show an example of sequencing reaction. The reaction was performed by using wild type T7 RNA polymerase (WT) (SEQ ID NOs:17-18)(Figure 16A), mutant T7 RNA polymerase F644Y (F644Y) (SEQ ID NOs:19-20)(Figure 16B), or a mutant T7 RNA polymerase L665P/F667Y (F667Y) (SEQ ID NOs:21-22)(Figure 16C). Sequencing patterns of the same area are shown, and it can be observed that the sequencing